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(54) Title: ALUMINUM ALLOY FOR CUTTING PROCESSING, AND ALUMINUM ALLOY WORKED ARTICLE MADE OF THE SAME

(57) Abstract: An aluminum alloy for cutting processing consists essentially of Cu: 1 to 6.5 mass%, Zn: 0.05 to 1 mass%, Bi: 0.1 to 1 mass%, Sn: 0.1 to 1 mass%, B: 100 mass ppm or less, or further includes at least one element as a selective additional element selected from the group consisting of Fe: 0.05 to 1 mass%, Mg: 0.01 to 0.3 mass%, Si: 0.05 to 1 mass% and Ti: 0.01 to 0.5 mass%.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/ 12938

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C22C21/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C22C21/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Japanese Utility Model Gazette 1926-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
EX	JP 2004-3007 A (FURUKAWA DENKI KOGYO K.K.) 2004.01.08, claim 1, [0001], [0008], example (Family:none)	1-12
EX	JP 2004-2947 A (K.K. KOBE SEIKOUSHO) 2004.01.08, claim 1, [0012], [0014], example (Family:none)	1-12
X	EP 982410 A1 (Alusuisse Technology & Management AG), 2000.03.01 (Family:none)	1-12
X	US 6113850 A (Bartges et al.) 2000.09.05 (Family:none)	1-12
X	US 5803994 A (Coats, II et al.) 1998.09.08 (Family:none)	1-12

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-107169 A (SHOWA ARUMINIUMU K.K.) 2001.04.17, claim 1-5 (Family:none)	1-12
X	JP 63-312945 A (K.K. KOBE SEIKOUSHO) 1988.12.21, claim 2, example (Family:none)	1-12